

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Blissfield Cannery Site - Removal Polrep
 Initial Removal Polrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V**

Subject: POLREP #1
 Initial POLREP
 Blissfield Cannery Site
 B5ZN
 Blissfield, MI
 Latitude: 41.8275050 Longitude: -83.8522990

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From: Jon Gulch, On-Scene Coordinator

Date: 10/21/2011

Reporting Period: October 11-17, 2011

1. Introduction

1.1 Background

Site Number:	B5ZN	Contract Number:	EP-S5-08-04
D.O. Number:	TO 41	Action Memo Date:	9/1/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/11/2011	Start Date:	10/11/2011
Demob Date:		Completion Date:	
CERCLIS ID:	MIN000510525	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Fund Lead Time Critical Removal Action

1.1.2 Site Description

The site consists of six contiguous parcels of land totaling approximately 35 acres. The northern portion of the site contains two former cannery buildings measuring 19,600 and 32,822 square feet; and a former automotive repair building measuring 1,876 square feet. These buildings are in various states of disrepair and have collapsed roofs and exterior walls as well as missing entry doors. Except for retention ponds south of the former cannery buildings, the remainder of the site is grass-covered land formerly used for agricultural purposes.

A gasoline service station operated on the northern portion of the site from 1916 until circa 1980's. In 1930, a building was constructed east of the gasoline station for the manufacture of septic tanks. Before 1963, an automotive repair facility operated in this building. Between 1981 and 1982 L & L Sandblasting occupied a portion of this building. Beginning in 1924 and continuing until circa 1990, cannery operations were conducted in the two larger on-site buildings. Operations included the processing and canning of tomatoes and pumpkins. Process wastewater from cannery operations was disposed of into four on-site retention ponds. From 2000 until 2010, antiques and used farm and used industrial equipment were stored and sold at the site.

1.1.2.1 Location

The site is located at 440 East Jefferson Street in Blissfield, Lenawee County, Michigan and is bordered to the north by U.S. Route 223 (Adrian Street) and East Jefferson Street, with commercial and industrial properties beyond; and to the west by residential properties. The geographic coordinates of the Site are 41.827505 north latitude by -83.852299 west longitude.

1.1.2.2 Description of Threat

Liquid samples contained chromium; 1,4 dichlorobenzene; and chlorobenzene at concentrations exceeding the 40 CFR 261.1 criteria. Therefore these samples represented hazardous waste by virtue of the characteristic of toxicity. In addition, one liquid sample exhibited a pH of less than 2 standard units (SUs), and 5 liquid samples exhibited pH levels exceeding 12.5 SUs. These samples represent hazardous wastes by virtue of the characteristic of corrosivity. One soil sample contained total arsenic at a concentration exceeding the Michigan Department of Environmental Quality (MDEQ) Part 201 Non Residential Soil Direct Contact Criterion for arsenic. Therefore, the soil associated with this sample represented a direct-contact risk.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On May 17th, 2011, U.S. EPA (EPA) mobilized to the site to conduct a removal site assessment to evaluate potential threats to the public health or welfare or the environment posed by the Site and the need for further response actions. During the site assessment, eight liquid samples and three soil samples were collected. Site reconnaissance, documentation, conclusions, and recommendations are described in more detail in the *Blissfield Cannery Site Assessment Report* (WESTON June 20, 2011).

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On October 11, 2011, EPA mobilized its Superfund Technical Assistance and Response Team (START) and Emergency and Rapid Removal Service (ERRS) contractors to the site and performed a walk-through of the interior of the main building, former auto repair shop and the outside perimeter. EPA began the process of collecting, staging and logging drums and small containers for future sampling, in addition to establishing an area for field hazard categorization (HazCat) to be performed.

During the period of October 12-14, 2011, sampling operations were completed on all drums and containers and a field chemist inventoried and performed HazCat activities on all staged drums and containers. Waste streams were then developed and consolidation of compatible materials was conducted. Drums and containers were placed in over-packs as necessary and transferred from the interior of the site building to a secure Conex container. During all removal activities, START conducted ambient air monitoring activities both within and around the perimeter of the site for volatile organic compounds (VOC's).

On October 13 and 17, 2011, real-time field screening activities were conducted utilizing an X-Ray Fluorescence (XRF) analyzer. The focus of this screening were areas that showed elevated metals

(arsenic levels above the MDEQ Part 201 non-residential soil direct contact criterion), including locations immediately east of the former auto repair shop. An area approximately 100' by 50' was excavated with an average depth of 2.0' feet below ground surface (bgs) based on elevated XRF readings.

On October 17, 2011, excavation and backfill activities were completed in this area and the site was prepared for temporary demobilization while Transportation and Disposal (T&D) activities are being coordinated. During excavation activities, START monitored for fugitive dust emissions utilizing a MIE-PDR-1500.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

EPA will continue investigation and determination of PRPs.

2.1.4 Progress Metrics

See POLREP #2 for full list Disposal List.

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

- Perform final disposal of all waste streams at EPA approved disposal facilities.
- Demobilization of personnel and equipment from the site.

2.2.1.1 Planned Response Activities

Continue the Time Critical Removal Action

2.2.1.2 Next Steps

Coordination of final T & D.

2.2.2 Issues

None

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

On September 1, 2011, an Action Memorandum was signed by the Superfund Division Director to conduct a fund-lead time-critical removal action at the site.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC

2.5.2 Liaison Officer

OSC

2.5.3 Information Officer

OSC

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Village of Blissfield

Lenawee County

4. Personnel On Site

EPA-1

ERRS - 4

START - 1

5. Definition of Terms

CFR - Code of Federal Regulations

SU - Standard Units

pH - Percent Hydrogen

MDEQ - Michigan Department of Environmental Quality

U.S. EPA - United States Environmental Protection Agency

START - Superfund Technical Assistance & Response Team

WESTON - Weston Solutions, Inc

ERRS - Emergency & Rapid Removal Services

HazCat - Hazard Categorization

VOCs - Volatile Organic Compounds

XRF - X Ray Fluorescence

BGS - Below Ground Surface

PDR - Personal DataRam

T & D - Transportation & Disposal

PRPs - Potentially Responsible Parties

OSC - On Scene Coordinator

POLREP - Pollution Report

MSDS - Material Safety Data Sheets

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.org/Blissfield_Cannery

6.2 Reporting Schedule

POLREPS will be issued as necessary

7. Situational Reference Materials

N/A